

PTO/SB/21 (09-04)

IFW

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

10/700,297

Filing Date

October 31, 2003

First Named Inventor

Hutchens, T. William

Art Unit

1743

Examiner Name

Alexander, Lyle

Attorney Docket Number

016866-001514US

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):Copy of Fee Transmittal Form (1 page);  
References (8);  
Return PostcardCertified Copy of Priority  
Document(s)Reply to Missing Parts/ Incomplete  
ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to Deposit  
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Eugenia Garrett-Wackowski

Date

June 10, 2005

Reg. No.

37,330

**CERTIFICATE OF TRANSMISSION/MAILING**I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an  
envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

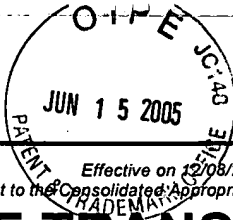
Signature

Typed or printed name

Jose Luna

Date

June 10, 2005



Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$180)

**Complete if Known**

Application Number	10/700,297
Filing Date	October 31, 2003
First Named Inventor	Hutchens, T. William
Examiner Name	Alexander, Lyle
Art Unit	1743
Attorney Docket No.	016866-001514US

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**      **Multiple Dependent Claims**  
-20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_  
Fee (\$)      Fee Paid (\$)  
HP = highest number of total claims paid for, if greater than 20  
**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**  
-3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_  
HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**      **Extra Sheets**      **Number of each additional 50 or fraction thereof**      **Fee (\$)**      **Fee Paid (\$)**  
- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

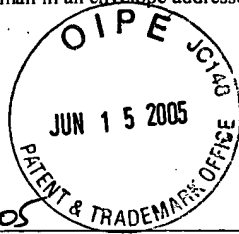
Other: Submission of Information Disclosure Stmt

**Fees Paid (\$)****180****SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 37,330	Telephone 925-472-5000
Name (Print/Type)	Eugenia Garrett-Wackowski	Date	June 10, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



On June 10, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: 

PATENT  
Attorney Docket No.: 016866-001514US  
Client Reference No.: D-5639-PCT-US-  
D2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

T. William Hutchens et al.

Application No.: 10/700,297

Filed: October 31, 2003

For: METHOD AND APPARATUS FOR  
DESORPTION AND IONIZATION OF  
ANALYTES

Examiner: Alexander, Lyle

Art Unit: 1743

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on the attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [excluding cited U.S. Patents, U.S. Patent Application publications, and appropriate IFW-stored, pending U.S. Patent Applications and portions thereof, per 1287 OG 163] are enclosed.

06/16/2005 RMEBRAHT 00000015 201430 10700297

01 FC:1806 180.00 DA

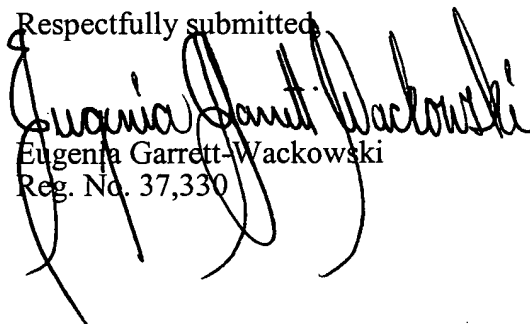
It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

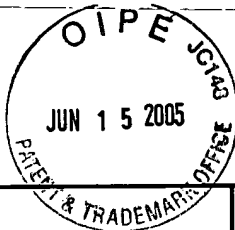
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Eugenia Garrett-Wackowski  
Reg. No. 37,330

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
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EGW:jvl



PTO/SB/08A (08-03)

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/700,297
		Filing Date	October 31, 2003
		First Named Inventor	Hutchens, T. William
		Art Unit	1743
		Examiner Name	Alexander, Lyle
Sheet 1	of 2	Attorney Docket Number	016866-001514US

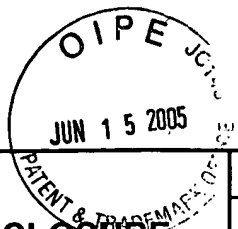
U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	1.	4,665,192	05-12-1987	Cerami	
	2.	5,260,571	11-09-1993	Cottrell et al.	
	3.	5,317,932	06-07-1994	Westlake III et al.	
	4.	5,719,060	02-17-1998	Hutchens et al.	
	5.	5,894,063	04-13-1999	Hutchens et al.	
	6.	6,020,208	02-01-2000	Hutchens et al.	
	7.	6,027,942	02-22-2000	Hutchens et al.	
	8.	6,124,137	09-26-2000	Hutchens et al.	
	9.	6,225,047	05-01-2001	Hutchens et al.	
	10.	6,579,719	06-17-2003	Hutchens et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	11.	DE	3221681	A1	12-08-1983	Bayer AG		<input checked="" type="checkbox"/> Abst
	12.	WO	99/06833	A1	02-11-1999	Husten et al.		<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

60511061 v1



<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/700,297		
		Filing Date	October 31, 2003		
		First Named Inventor	Hutchens, T. William		
		Art Unit	1743		
		Examiner Name	Alexander, Lyle		
Sheet	2	of	2	Attorney Docket Number	016866-001514US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	13.	BROCKMAN, A. et al., "Probe-immobilized affinity chromatography/mass spectrometry" Anal. Chem. 67(24):4581-5 (1995) [Abstract]	
	14.	BRODBELT et al., "In vivo mass spectrometric determination of organic compounds in blood with a membrane probe" Anal. Chem. 59:454-458 (1987)	
	15.	FITZGERALD, M. et al., "Direct characterization of solid phase resin-bound molecules by mass spectrometry" Bioorg. Med. Chem. Lett. 6(8):979-982 (1996) [Abstract]	
	16.	JONSSON, G., et al., "Plasma desorption mass spectrometry of peptides and proteins adsorbed on nitrocellulose" Anal. Chem. 58(6):1084-1087 (1986)	
	17.	SIUZDAK, G. et al., "Applications of mass spectrometry in combinatorial chemistry" Biotech. Bioeng. 61(2):127-134 (1998) [Abstract]	
	18.	VAN BREEMEN et al., "Time-resolved laser desorption mass spectrometry. I. Desorption of performed ions" Internatl. J. Mass Spectro. Ion Phys. 49: 36-51 (1983)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.